

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: ROLFE C. ANDERSON et al.

Serial No: 09/751,658

Filed: December 31, 2000

For: INTEGRATED NUCLEIC ACID DIAGNOSTIC DEVICE

Examiner: W. Beisner

Art Unit: 1744

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RESPONSE

In response to the Communication dated April 11, 2002, Applicants enclose a clean version of Amended claim 90 (originally submitted on Feb. 13, 2002).

In the Claims:

Sub c1
90. A method of repeatedly measuring a known volume of a fluid in a miniature fluidic system, comprising:

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providing a microfabricated device having at least first and second chambers disposed therein, wherein said at least first and second chambers are in fluid connection, each comprise at least one vent port, and wherein at least one of said chambers is a volumetric chamber having a known volume;

filling said volumetric chamber with said fluid to create a first aliquot of said fluid;
transporting said first aliquot of said fluid to said at least second chamber; and
repeating said filling and transporting steps by applying pressure from an external source.

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FACSIMILE COVER SHEET

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U.S. Patent and Trademark Office
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**Official Communication in response to
PTO Action dated April 11, 2002**

CERTIFICATION OF FACSIMILE TRANSMISSION

I hereby certify that the enclosed total of 3 pages including a cover sheet is being facsimile transmitted to the fax number shown above, in the above-referenced application, to the Patent and Trademark Office on the date shown below.

Typed or Printed Name of Person: Ivan D. Zitkovsky, Reg. No. 37,482

Date: May 1, 2002

Signing Certification

Ivan D. Zitkovsky